

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number  
**WO 2005/077756 A1**

(51) International Patent Classification<sup>7</sup>: B64C 9/16

(21) International Application Number:  
PCT/EP2005/001391

(22) International Filing Date: 11 February 2005 (11.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
10 2004 006 940.9  
12 February 2004 (12.02.2004) DE  
60/606,646 2 September 2004 (02.09.2004) US

(71) Applicant (for all designated States except US): AIRBUS  
DEUTSCHLAND GMBH [DE/DE]; Kreetzlag 10, 21129  
Hamburg (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): GARTELMANN,

Rainer [DE/DE]; Heukämpendamm 6, 28279 Bremen  
(DE). ZAPF, Bodo [DE/DE]; Duddenhausen 21, 27333  
Bücken (DE). HACHMANN, Knut [DE/DE]; Rotdor-  
nallee 60a, 28717 Bremen (DE).

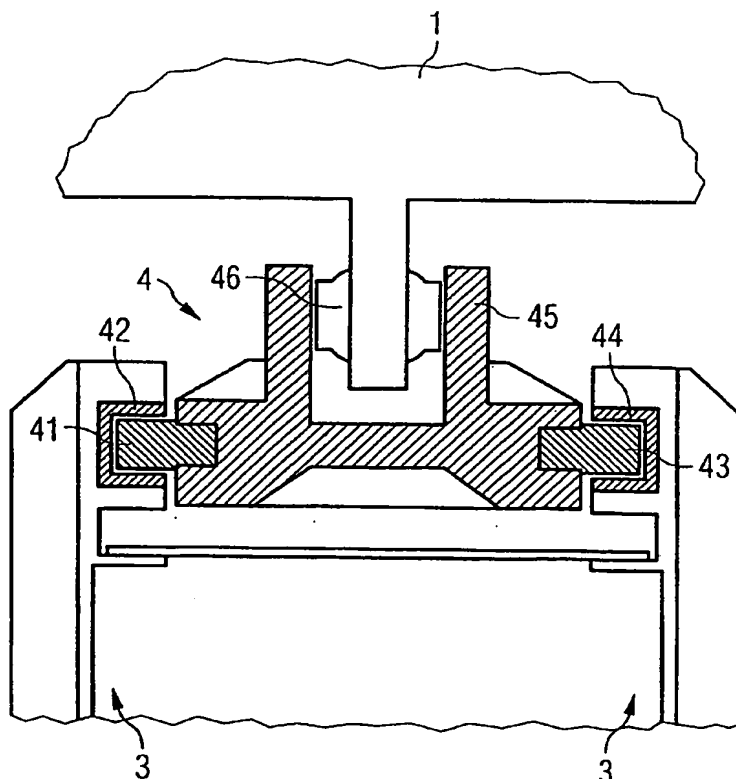
(74) Agent: KOPF, Korbinian; Mainwald Patentanwalts  
GmbH, Elisenhof, Elisenstrasse 3, 80335 München (DE).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: LANDING FLAP GUIDE FOR AIRCRAFT



(57) Abstract: The invention proposes a landing flap guide for aircraft, in which the translatory landing flap (1) movement is realized with a glide slide (4) that is supported and guided in slideways of the landing flap carrier (3). The slide (4) is connected to the landing flap (1) and, in order to extend and retract the landing flap (1), guided along the flap carrier (3) by means of at least one glide guide (41, 42, 43, 44).

WO 2005/077756 A1



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*